IP Link® Device Interface Communication Sheet

Revision: 1/12/2012

This document provides additional assistance with wiring your Extron IP Link enabled product to your device.

Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type: Video Projector

Manufacturer: Epson Firmware Version: 1.00

Model(s): PowerLite 85, PowerLite 825, PowerLite 826w, PowerLite 826w+, PowerLite 84+

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
3	12/27/2011	1.5.1	3.3.1	Added model PowerLite 84+
2	2/10/11	1.4.0	3.0.4	Added model PowerLite 826W+ and Auto Image.
1	6/17/09	1.3.11.1	2.5.1	Initial Extron Certified version. Tested on PowerLite 85 firmware version 1.00

Driver Notes:

Input Status may take up to 5 seconds to refresh after sending command

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Control Commands & States:

Aspect Ratio*	Normal**	4:3	16:9	
Auto Image	Execute			
AV Mute	On	Off		
Closed Caption	Off	CC1	CC2	
Freeze	On	Off		
Input	Computer1 RGB	Computer1 (YPbPr)	Computer2 RGB	
	Computer2 (YPbPr)	Video	S-Video	
	LAN	USB A	USB B	
Lamp Mode	High	Low		
Power Control	On	Off		
Volume (Discrete)	0 to 20 in steps of 1			
Volume (Step)	Up	Down		

^{*} Status will clear when input is USB. ** Only for Computer RGB mode

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Status Available:

Aspect Ratio	Normal	4:3	16:9
AV Mute	On	Off	
Closed Caption	Off	CC1	CC2
Connection Status	Connected	Disconnected	
Device Status	Normal	Status Unavailable	Fan Error
	Error	Lamp Cover Error	Lamp Error
	High Temperature	Filter Error	EDL Capacitor Disconnected
	System Error	Low Air Flow Error	Power Error
	Air Flow Error	Lamp Failure	
Freeze	On	Off	
Input	Computer1 RGB	Computer1 (YPbPr)	Computer2 RGB
	Computer2 (YPbPr)	Video	S-Video
	LAN	USB A	USB B
Lamp Mode	High	Low	
Lamp Usage	Lamp Usage Hours		
Power Control	On	Off	
Power Status	On	Off	Warming Up
	Status Unavailable	Cooling Down	
Volume (Discrete)	0 to 20 in steps of 1		

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MLC60 Series Supported Commands:

Aspect Ratio	Normal	4:3	16:9	
Auto Image	Execute			
AV Mute	On	Off		
Closed Caption	Off	CC1	CC2	
Freeze	On	Off		
Input	Computer1 RGB	Computer1 (YPbPr)	Computer2 RGB	
	Computer2 (YPbPr)	Video	S-Video	
	LAN	USB A	USB B	
Lamp Mode	High	Low		
Power Control	On	Off		
Volume (Discrete)	0 to 20 in steps of 1			
Volume (Step)	Up	Down		

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Cable and Adapter Requirements:

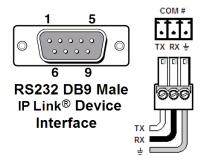
F/F RS-232 Null Modem Serial Cable

Notes for the Device:

Serial communication:

Port Type:RS-232Parity:NoneBaud Rate:9600Stop Bits:1Data Bits:8Flow Control:None

Pin Assignments Diagram:



Signal	Pin	Main Cable	Pin	Signal
RxD	2	$\bigg\rangle$	2	RxD
TxD	3		3	TxD
GND	5		5	GND



Note: Captive screw connector may also be used as a serial connection.

General Notes: